

## ENHANCED RECOVERY ACTION IN SERVICE SPECIFIC CONNECTION ORIENTATION PROTOCOL

### Abstract

A method of carrying out a recovery action upon peers becoming out of synchronization with one another is provided in a telecommunications signaling network comprising a sending peer (30) that sends sequenced data messages to an associated receiving peer (40). The method includes: sending a poll  
5 message from the sending peer (30) to the receiving peer (40), the poll message indicating a sequence number for a sequenced data message to be sent next; returning a response to the poll message from the receiving peer (40) to the sending peer (30), the response indicating that the sequence number indicated in the poll message is the one expect next by the receiving  
10 peer (40) or indicating an error when the sequence number indicated in the poll message is not the one expect next by the receiving peer (40), as the case may be; and, entering into a recovery action state upon the response to the poll message indicating an error, wherein while in the recovery action state selected sequenced data messages received by the receiving peer (40) from the  
15 sending peer (30) subsequent to entry into the recovery action state are buffered by the receiving peer (40).